

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. - 7. (Canceled)

8. (Currently Amended) An apparatus for CRRT therapy of the type performable using a haemofiltration machine and which comprises:

- connecting means from and to respective blood vessels of a patient;
- blood processing means comprising a pump;
- means for adding drugs or other therapeutic substances to the blood being treated;
- means for feeding refill liquid into the blood;
- blood filtration means, cascade-connected to one another by relative conduits, said conduits and said connecting means defining a blood path;

wherein said apparatus comprises an oxygenating device comprising an oxygenating membrane and is located upstream from said blood filtration means and downstream from said blood processing means so that the said oxygenating membrane of the oxygenating device operates without the intake pressure along the portion upstream from the blood pump; and

a programmable controller for setting a total weight loss and an hourly loss for the patient,

wherein said pump pumps the blood downstream from the connecting means to the oxygenating device at a flow rate of 280-300 ml/min.

9. (Previously Presented) The apparatus of claim 8, wherein the apparatus comprise only one pump for pumping the blood from and to respective blood vessels of a patient.

10. (Previously Presented) The apparatus of claim 8, wherein said oxygenating device comprises an oxygenating membrane, is connected to an oxygen source, and has an outlet through which carbon dioxide is eliminated.

11. - 12. (Cancelled)